

# ABSTRACT OF JP 03115496

L5 ANSWER 47 OF 89 CA COPYRIGHT 2002 ACS  
 AN 115:235227 CA  
 TI Bleaching agents and bleaching detergent compositions with good storage stability  
 IN Kuroda, Mutsumi  
 PA Kao Corp., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 IC ICM C11D007-54  
 ICI C11D007-54, C11D007-26, C11D007-34  
 CC 46-5 (Surface Active Agents and Detergents)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03115496	A2	19910516	JP 1989-254213	19890929

AB The title compns. contain Na **percarbonate** (I) **particles coated with fatty acid** mixts. contg.  
 .gtoreq.60% C16 and C18 **fatty acids** and 15-70% unsatd.  
**fatty acids** and **granular** bleach activators  
 having phenolsulfonic acid (salt) as leaving groups. Heating  
 C9H19N+Me2(CH2)3CO2-p-C6H4SO3- with 20 g polyethylene glycol, extruding  
 to give a **granulated** bleach activator, and mixing the  
**granules** (5%) with 10% I (**coated** with mixt. contg. C16  
 29.3, C18 16.3, monounsatd. C16 4.1, monounsatd. C18 38.5, and diunsatd.  
 C18 **fatty acid** 3.6%) and 85% other **detergent**  
 components gave a bleaching **detergent** which retained 89.2% of  
 the available O during 14 days at 40.degree. and 80% relative humidity.

ST bleach **percarbonate** detergent stability; **fatty acid coating percarbonate** stability;  
 phenolsulfonate bleach activator detergent; sulfophenol bleach activator  
 detergent

IT Quaternary ammonium compounds, uses and miscellaneous  
 RL: USES (Uses)  
 (bleaching activators, detergents contg. percarbonate and, stable)

IT **Fatty acids**, uses and miscellaneous  
 RL: USES (Uses)  
 (sodium **percarbonate particles coated** by,  
 for stability in **detergents**)

IT Bleaching agents  
 (sodium **percarbonate, fatty acid-coated**, detergents contg., stable)

IT Detergents  
 (laundry, contg. sodium percarbonate and bleach activator,  
 storage-stable)

IT 89740-11-4 117205-23-9 132787-34-9 132787-35-0 132787-37-2  
 137023-82-6 137170-47-9  
 RL: USES (Uses)  
 (bleaching activators, detergents contg. percarbonate and, stable)

IT 3313-92-6, Sodium **percarbonate**  
 RL: USES (Uses)  
 (bleaching agents, **fatty acid-coated**,  
 storage-stable, detergents contg.)